

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 September 2005 (01.09.2005)

PCT

(10) International Publication Number
WO 2005/079687 A2

- (51) International Patent Classification⁷: **A61B 18/12**
- (21) International Application Number:
PCT/IL2005/000210
- (22) International Filing Date: 20 February 2005 (20.02.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/546,956 24 February 2004 (24.02.2004) US
- (71) Applicant (for all designated States except US): **AP-PLISONIX LTD.** [IL/IL]; Beltec House, 4 Yehuda HaNachtom Street, P.O. Box 844, 84106 Beer-Sheba (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BARZILAY, Amir** [IL/IL]; POB 335, 99875 Zur Hadassah (IL). **GOREN, Alon** [IL/IL]; P.O. Box 154, 73115 Moshav Ben-Shemen (IL). **DAYAN, Abraham** [IL/IL]; 14 Mivtza Sinai Street, 59511 Bat Yam (IL). **FURMAN, Vladimir** [IL/IL]; 9 Shapira Street, 78305 Ashkelon (IL). **GUTERMAN, Assaf** [IL/IL]; 4 Shlomzion Hamalka Street, 62267 Tel-Aviv (IL). **NIV, Yehuda** [IL/IL]; 34 Itamar Ben Avi Street, 74051 Nes Ziona (IL).
- (74) Agent: **G.E. EHRLICH (1995) LTD.**; 11 Menachem Begin Street, 52 521 Ramat Gan (IL).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND DEVICE FOR REMOVING HAIR

(57) Abstract: A method of treating unwanted hair is disclosed. The method comprises: transmitting acoustic waves through the hair so as to generate heat at a follicle, a dermal papilla, a hair bulge and/or a germinal matrix of the hair. The heat itself is sufficient to damage or destroy the follicle, the dermal papilla, the hair bulge and/or the germinal matrix.



WO 2005/079687 A2